

18 Federal Republic
of Germany

German
Patent Office

12 Patent Publication Document
10 DE 196 08 716 C1

21 Reference: 19608716.3-35
22 Application Date: 3/6/1996
43 Publication Date: -
46 Publication date of
Patent issuance: 4/17/1997

51 Int. Cl:
A 61 B 17/38
A 61 B 17/28
A 61 B 17/30
A 61 B 17/00

Claims may be filed within 3 months after publication date of patent issuance

73 Patent holder:
Aesoulap AG, 78632 Tuttlingen, DE

74 Representative:
Hoeger, Stelrecht, & Partner, 70182 Stuttgart

72 Inventor:
Mayerberger, Rupert, Cert. Engineer (university degree), 78239
Rieslingen-Worblingen, DE

58 Documents considered during determination of patentability:
DE 43 12 264 A1
US 53 91 168 A
US 53 52 222 A

54 Bipolar surgical grasping instrument

57 In order to simplify to the greatest extent possible the design of a bipolar surgical grasping instrument with two pivotable arms that are mounted on the end of a sleeve joint and which are pivotable by means of articulated lever elements via push/pull rods displaceable within a sleeve joint, it is proposed that the push/pull rods and the articulated lever elements consist of electrically-conducting material, and are electrically connected to one another, such that the first arm is electrically connected with the articulated lever elements assigned to it, and the second arm is connected with the articulated lever elements assigned to it through an insulating element, such that the second arm is electrically connected with the sleeve joint via its pivotable mount, and that the first arm is electrically insulated from the second arm and the sleeve joint but mounted in a manner so that it may rotate about the sleeve joint.

THIS PAGE BLANK (USPTO)